

IN THE CLAIMS

1. (currently amended) An apparatus for the firing of a cartridge for firearms, wherein the apparatus~~-(11)~~ is arranged within the cartridge~~-(3)~~, having an interface~~-(12)~~ for communicating with an apparatus~~-(1)~~ which is arranged out of the cartridge, a control means~~-(14)~~ and a security means which can be released by a signal transmitted from the control means~~-(14)~~.
2. (currently amended) The apparatus according to claim 1, wherein the security means is an energy barrier~~-(15)~~.
3. (currently amended) The apparatus according to claim 1 ~~or~~ 2, wherein the apparatus comprises a firing transducer~~-(16)~~.
4. (currently amended) The apparatus according to claim 3, wherein the firing transducer~~-(16)~~ effects a firing of the cartridge~~-(3)~~ depending on a firing energy supplied over the interface~~-(12)~~.
5. (currently amended) The apparatus according to ~~any one of the preceding claims~~ claim 1, wherein the firing energy is supplied to the firing transducer~~-(16)~~ depending on the releasing of the security means or energy barrier~~-(15)~~.
6. (currently amended) The apparatus according to ~~any one of the preceding claims~~ claim 1, wherein the firing energy is inhibited, blocked and/or passed by the firing transducer~~-(16)~~ by the security means or energy barrier~~-(15)~~.
7. (currently amended) The apparatus according to ~~any one of the preceding claims~~ claim 1, wherein the firing transducer~~-(16)~~ can be permanently inactivated by a respective outer impact.

8. (currently amended) The apparatus according to ~~any one of the preceding claims~~claim 1, wherein the apparatus comprises a memory ~~(13)~~.

9. (currently amended) The apparatus according to claim 8, wherein the data stored can be at least partially read from the memory ~~(13)~~.

10. (currently amended) The apparatus according to ~~any one of the preceding claims~~claim 1, wherein the control means ~~(14)~~ compares the stored and received data.

11. (currently amended) The apparatus according to claim 10, wherein the control means ~~(14)~~ only releases the security and thus enables a firing if the stored and received data match.

12. (currently amended) The apparatus according to claim 10 ~~or 11~~, wherein at least the data used for comparing cannot be read from the memory in an unauthorized manner.

13. (currently amended) The apparatus according to ~~any one of the preceding claims~~claim 1, wherein the apparatus comprises at least one chip or microchip ~~(20)~~.

14. (currently amended) The apparatus according to ~~any one of the preceding claims~~claim 1, wherein the apparatus is a percussion cap or is integrated in such.

15. (currently amended) The apparatus according to ~~any one of the preceding claims~~claim 1, wherein the apparatus is protected against attacks by electrical, mechanical, chemical, thermal energy and/or radiation.

16. (original) The apparatus according to claim 15, wherein such attacks lead to a permanent destruction of the capability to fire the cartridge.

17. (currently amended) An apparatus for releasing a cartridge for firearms, wherein the apparatus is arranged within the firearm~~-(17)~~, having an operating device~~-(6)~~ calculating releasing data, and a cartridge interface~~-(2)~~ for communicating with a cartridge~~-(3)~~ and for transmitting the releasing data.

18. (currently amended) The apparatus according to claim 17, wherein the apparatus comprises at least one data interface~~-(7)~~ and/or at least one authentication interface~~-(8)~~.

19. (currently amended) The apparatus according to claim 17~~-or 18~~, wherein the apparatus comprises a control ~~-(5)~~.

20. (currently amended) The apparatus according to ~~any one of claims 17 to 19~~, wherein the operating device~~-(6)~~ can be divided such that at least one part of the operating device~~-(6)~~ is assigned to the firearm and/or at least one part of the operating device~~-(6)~~ is assigned to the munitions and/or at least one part of the operating device~~-(6)~~ is assigned to a user.

21. (currently amended) The apparatus according to ~~any one of claims 17 to 20~~, wherein the apparatus comprises a trigger sensor ~~-(9)~~.

22. (currently amended) The apparatus according to ~~any one of claims 17 to 21~~, wherein the apparatus comprises a data memory ~~-(10)~~.

23. (currently amended) The apparatus according to ~~any one of claims 17 to 22~~, wherein the apparatus comprises a firing impulse generator~~-(4)~~.

24. (currently amended) The apparatus according to ~~any one of~~

claims ~~17 to 23~~, wherein the authentication interface ~~(8)~~ is a transponder interface and/or a biometric sensor.

25. (currently amended) The apparatus according to ~~any one of claims 17 to 24~~, wherein the operating device ~~(6)~~ and/or the data memory ~~(10)~~ are such formed that data can be stored and/or processed securely against unauthorized reading and manipulation.

26. (currently amended) An apparatus for securing the firing of a shot from a firearm, ~~comprising at least one apparatus according to any one of claims 1 to 16 and at least one apparatus according to any one of claims 17 to 25;~~

a device for the firing of a cartridge for firearms, wherein the apparatus is arranged within the cartridge, having an interface for communicating with an apparatus which is arranged out of the cartridge, a control means, and a security means which can be released by a signal transmitted from the control means, and

an apparatus for releasing a cartridge for firearms, wherein the apparatus is arranged within the firearm, having an operating device calculating releasing data, and a cartridge interface for communicating with a cartridge and for transmitting the releasing data.

27. (original) Munitions for firearms, characterized in that the munitions comprise a securing device which can be released by transmitting of predetermined data.

28. (currently amended) Munitions for firearms according to claim 27, ~~comprising an apparatus according to any one of claims 1 to 16;~~

an apparatus for the firing of a cartridge for firearms, wherein the apparatus is arranged within the cartridge, having an interface for communicating with an apparatus which is arranged out of the cartridge, a control means and a security means which can be released by a signal

transmitted from the control means.

29. (original) A method for securing cartridges for firearms, wherein the cartridge can be released by transmitting predetermined data.

30. (original) A method for securing cartridges for firearms, comprising the steps of reading of a cartridge identity, determining a cartridge password on the basis of the cartridge identity, and transmitting the cartridge password to the cartridge, wherein the cartridge only allows a firing if the correct password has been determined.

31. (currently amended) The method according to claim 30, wherein ~~user, firearm and or surrounding~~user, firearm and/or related data are necessary for performing the determining of the cartridge password and/or for correctly determining the cartridge password.